(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
24 August 2000 (24.08.2000)

PCT

(10) International Publication Number
WO 00/49571 A3

(51) International Patent Classification[7]: G06T 9/00, 9/40

(21) International Application Number: PCT/CA00/00134

(22) International Filing Date: 15 February 2000 (15.02.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2,261,833 15 February 1999 (15.02.1999) CA

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(81) Designated States *(national)*: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:
— *With international search report.*

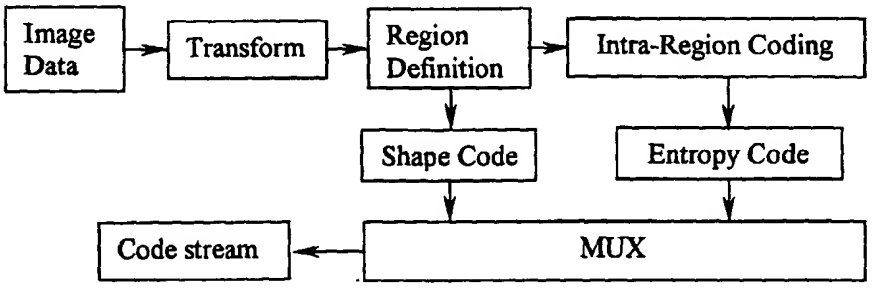
(88) Date of publication of the international search report:
5 April 2001

(48) Date of publication of this corrected version:
21 June 2001

(15) Information about Correction:
see PCT Gazette No. 25/2001 of 21 June 2001, Section II

[Continued on next page]

(54) Title: METHOD AND SYSTEM OF REGION-BASED IMAGE CODING WITH DYNAMIC STREAMING OF CODE BLOCKS



(57) Abstract: The invention is a new effective and fast method and apparatus for still image compression, transmission and decompression. The present invention implements optional sorting and encoding methodologies to create object-oriented, shape coding or region coding in still image and video coding that is content accessible, scalable and computationally efficient. The invented, multiplexed transmission regime ensures a robust, scalable and content accessible bit stream and includes a dynamic, bit budget control architecture.

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